

MR1957-861

Serial Number: 10/796,252

Reply to Office Action dated 13 December 2006

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the subject Patent Application:

Listing of Claims:

1. (Currently Amended) A control module, comprising:

a car audio apparatus having at least a speaker used for sound output and a socket, the car audio apparatus having a sound switch disposed therein, said sound switch being coupled to a first sound signal processor and a second sound signal processor, said first sound signal processor being coupled to said speaker, said second sound signal processor being coupled to a car stereo connecting with a sound signal processor;

a Bluetooth module disposed in a Bluetooth earphone to provide an interface between the Bluetooth earphone and the car audio apparatus ;

~~a sound switch disposed inside the car audio apparatus and connected with the sound signal processor,~~ the sound switch automatically and responsively being used to choose one of said first sound signal processor and second sound signal processor to a sound signal sent from the Bluetooth earphone or the car audio apparatus and output sound the sound signal via the speaker; and

a sound control circuit disposed inside the car audio apparatus and connected with the sound switch;

wherein when the Bluetooth earphone is plugged into the socket of the car audio apparatus to make car audio apparatus connect with the Bluetooth module, the sound switch ~~is controlled to silence~~ automatically chooses said first sound signal processor the

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~~ear audio apparatus~~ and outputs the sound signal sent from the Bluetooth earphone via the speaker, and when the Bluetooth earphone is taken out from the socket, the car audio apparatus serves as a common audio apparatus and said sound switch chooses said second sound signal processor to output to said speaker.

2. (Original) The control module as claimed in the claim 1, wherein the Bluetooth module is connected with a digital signal processor, wherein the digital signal processor is connected to a microphone and an earphone, and the digital signal processor is used to convert an analog signal sent from the microphone into a digital signal, encode/decode the first sound signal, process signals and send the processed signals via the Bluetooth module.